RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _O9/977,615_
Source: _OIPE_
Date Processed by STIC: _6-19-03_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
    U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
            Or
    U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

ERROR DETECTED **SUGGESTED CORRECTION** SERIAL NUMBER: 09/977,615

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1_____Wrapped Nucleics
Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2_____Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes white spaces.

3_____Misaligned Amino
Numbering

The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4_____Non-ASCII

The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5_____Variable Length

Sequence(s)_____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6_____PatentIn 2.0
"bug"

A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7_____Skipped Sequences
(OLD RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8_____Skipped Sequences
(NEW RULES)

Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9_____Use of n's or Xaa's
(NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10_____Invalid <213>
Response

Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11_____Use of <220>

Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12_____PatentIn 2.0
"bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13_____Misuse of n

n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH – Biotechnology Systems Branch – 08/21/2001

```
 3 <110> APPLICANT: Grenier, Jennifer
 4         Marshall, David
 5         Prudent, James
 6         Richmond, Craig
 7         Roesch, Eric
 8         Scherrer, Christopher
 9         Sherrill, Christopher
10         Ptacin, Jerod
12 <120> TITLE OF INVENTION: SOLID SUPPORT ASSAY SYSTEMS AND METHODS UTILIZING NON-
NATURAL BASES
14 <130> FILE REFERENCE: 031403-9012
16 <140> CURRENT APPLICATION NUMBER: 09/977,615
17 <141> CURRENT FILING DATE: 2001-10-15
19 <150> PRIOR APPLICATION NUMBER: 60/240,397
20 <151> PRIOR FILING DATE: 2000-10-14
22 <150> PRIOR APPLICATION NUMBER: 60/282,831
23 <151> PRIOR FILING DATE: 2001-04-10
25 <150> PRIOR APPLICATION NUMBER: 09/861,292
26 <151> PRIOR FILING DATE: 2001-05-18
28 <150> PRIOR APPLICATION NUMBER: 60/293,259
29 <151> PRIOR FILING DATE: 2001-05-22
31 <160> NUMBER OF SEQ ID NOS: 156
33 <170> SOFTWARE: PatentIn version 3.0
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 10
37 <212> TYPE: DNA
38 <213> ORGANISM: synthetic oligonucleotide
40 <220> FEATURE:
41 <221> NAME/KEY: modified_base
42 <222> LOCATION: (3)..(3)
43 <223> OTHER INFORMATION: n represents iso-guanine
46 <220> FEATURE:
47 <221> NAME/KEY: modified_base
48 <222> LOCATION: (6)..(6)
49 <223> OTHER INFORMATION: n represents iso-guanine
52 <400> SEQUENCE: 1
53 gangtntgtc                                             10
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 10
58 <212> TYPE: DNA
59 <213> ORGANISM: synthetic oligonucleotide
61 <220> FEATURE:
62 <221> NAME/KEY: modified_base
63 <222> LOCATION: (2)..(2)
```

[Handwritten annotations:] Does Not Comply / Corrected Diskette Needed

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

See Item #10 on Error Summary Sheet

W-->

RAW SEQUENCE LISTING   DATE: 06/19/2003
PATENT APPLICATION: US/09/977,615   TIME: 15:21:03

Input Set : A:\09977615 Sequence Listing.txt
Output Set: N:\CRF4\06192003\I977615.raw

```
       64 <223> OTHER INFORMATION: n represents iso-guanine
       67 <220> FEATURE:
       68 <221> NAME/KEY: modified_base
       69 <222> LOCATION: (6)..(6)
       70 <223> OTHER INFORMATION: n represents iso-guanine
       73 <400> SEQUENCE: 2
W--> 74 cngttnttcc                                                     10
       77 <210> SEQ ID NO: 3
       78 <211> LENGTH: 10
       79 <212> TYPE: DNA
       80 <213> ORGANISM: synthetic oligonucleotide      — See page 1
       82 <220> FEATURE:
       83 <221> NAME/KEY: modified_base
       84 <222> LOCATION: (3)..(3)
       85 <223> OTHER INFORMATION: n represents iso-guanine
       88 <220> FEATURE:
       89 <221> NAME/KEY: modified_base
       90 <222> LOCATION: (7)..(7)
       91 <223> OTHER INFORMATION: n represents iso-guanine
       94 <400> SEQUENCE: 3
W--> 95 ggnttgntag                                                     10
       98 <210> SEQ ID NO: 4
       99 <211> LENGTH: 10
      100 <212> TYPE: DNA
      101 <213> ORGANISM: synthetic oligonucleotide
      103 <220> FEATURE:
      104 <221> NAME/KEY: modified_base
      105 <222> LOCATION: (4)..(4)
      106 <223> OTHER INFORMATION: n represents iso-guanine
      109 <220> FEATURE:
      110 <221> NAME/KEY: modified_base
      111 <222> LOCATION: (6)..(6)
      112 <223> OTHER INFORMATION: n represents iso-guanine
      115 <400> SEQUENCE: 4
W--> 116 cttngntctc                                                    10
      119 <210> SEQ ID NO: 5
      120 <211> LENGTH: 10
      121 <212> TYPE: DNA
      122 <213> ORGANISM: synthetic oligonucleotide
      124 <220> FEATURE:
      125 <221> NAME/KEY: modified_base
      126 <222> LOCATION: (2)..(2)
      127 <223> OTHER INFORMATION: n represents iso-guanine
      130 <220> FEATURE:
      131 <221> NAME/KEY: modified_base
      132 <222> LOCATION: (6)..(6)
      133 <223> OTHER INFORMATION: n represents iso-guanine
      136 <400> SEQUENCE: 5
W--> 137 cntcangaac                                                    10
```

RAW SEQUENCE LISTING   DATE: 06/19/2003
PATENT APPLICATION: US/09/977,615   TIME: 15:21:03

Input Set : A:\09977615 Sequence Listing.txt
Output Set: N:\CRF4\06192003\I977615.raw

```
 140 <210> SEQ ID NO: 6
 141 <211> LENGTH: 10
 142 <212> TYPE: DNA
 143 <213> ORGANISM: synthetic oligonucleotide
 145 <220> FEATURE:
 146 <221> NAME/KEY: modified_base
 147 <222> LOCATION: (5)..(5)
 148 <223> OTHER INFORMATION: n represents iso-guanine
 151 <220> FEATURE:
 152 <221> NAME/KEY: modified_base
 153 <222> LOCATION: (8)..(8)
 154 <223> OTHER INFORMATION: n represents iso-guanine
 157 <400> SEQUENCE: 6
W--> 158 gtagntangc                                           10
 161 <210> SEQ ID NO: 7
 162 <211> LENGTH: 10
 163 <212> TYPE: DNA
 164 <213> ORGANISM: synthetic oligonucleotide     - See page 1
 166 <220> FEATURE:
 167 <221> NAME/KEY: modified_base
 168 <222> LOCATION: (4)..(4)
 169 <223> OTHER INFORMATION: n represents iso-guanine
 172 <220> FEATURE:
 173 <221> NAME/KEY: modified_base
 174 <222> LOCATION: (6)..(6)
 175 <223> OTHER INFORMATION: n represents iso-guanine
 178 <400> SEQUENCE: 7
W--> 179 ggangntaac                                           10
 182 <210> SEQ ID NO: 8
 183 <211> LENGTH: 10
 184 <212> TYPE: DNA
 185 <213> ORGANISM: synthetic oligonucleotide
 187 <220> FEATURE:
 188 <221> NAME/KEY: modified_base
 189 <222> LOCATION: (2)..(2)
 190 <223> OTHER INFORMATION: n represents iso-guanine
 193 <220> FEATURE:
 194 <221> NAME/KEY: modified_base
 195 <222> LOCATION: (7)..(7)
 196 <223> OTHER INFORMATION: n represents iso-guanine
 199 <400> SEQUENCE: 8
W--> 200 cngtatngtg                                           10
 203 <210> SEQ ID NO: 9
 204 <211> LENGTH: 10
 205 <212> TYPE: DNA
 206 <213> ORGANISM: synthetic oligonucleotide
 208 <220> FEATURE:
 209 <221> NAME/KEY: modified_base
 210 <222> LOCATION: (4)..(4)
```

RAW SEQUENCE LISTING   DATE: 06/19/2003
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Input Set : A:\09977615 Sequence Listing.txt
Output Set: N:\CRF4\06192003\I977615.raw

```
      211 <223> OTHER INFORMATION: n represents iso-guanine
      214 <220> FEATURE:
      215 <221> NAME/KEY: modified_base
      216 <222> LOCATION: (10)..(10)
      217 <223> OTHER INFORMATION: n represents iso-guanine
      220 <400> SEQUENCE: 9
W--> 221 catnggtang                                                    10
      224 <210> SEQ ID NO: 10
      225 <211> LENGTH: 10
      226 <212> TYPE: DNA
      227 <213> ORGANISM: synthetic oligonucleotide
      229 <220> FEATURE:
      230 <221> NAME/KEY: modified_base
      231 <222> LOCATION: (5)..(5)
      232 <223> OTHER INFORMATION: n represents iso-guanine
      235 <220> FEATURE:
      236 <221> NAME/KEY: modified_base
      237 <222> LOCATION: (9)..(9)
      238 <223> OTHER INFORMATION: n represents iso-guanine
      241 <400> SEQUENCE: 10
W--> 242 gattntcgnc                                                    10
      245 <210> SEQ ID NO: 11
      246 <211> LENGTH: 10
      247 <212> TYPE: DNA
      248 <213> ORGANISM: synthetic oligonucleotide      — See page 1
      250 <220> FEATURE:
      251 <221> NAME/KEY: modified_base
      252 <222> LOCATION: (4)..(4)
      253 <223> OTHER INFORMATION: n represents iso-guanine
      256 <220> FEATURE:
      257 <221> NAME/KEY: modified_base
      258 <222> LOCATION: (6)..(6)
      259 <223> OTHER INFORMATION: n represents iso-guanine
      262 <400> SEQUENCE: 11
W--> 263 gttnangacc                                                    10
      266 <210> SEQ ID NO: 12
      267 <211> LENGTH: 10
      268 <212> TYPE: DNA
      269 <213> ORGANISM: synthetic oligonucleotide
      271 <220> FEATURE:
      272 <221> NAME/KEY: modified_base
      273 <222> LOCATION: (2)..(2)
      274 <223> OTHER INFORMATION: n represents iso-guanine
      277 <220> FEATURE:
      278 <221> NAME/KEY: modified_base
      279 <222> LOCATION: (6)..(6)
      280 <223> OTHER INFORMATION: n represents iso-guanine
      283 <400> SEQUENCE: 12
W--> 284 cngaangatc                                                    10
```

RAW SEQUENCE LISTING   DATE: 06/19/2003
PATENT APPLICATION: US/09/977,615   TIME: 15:21:03

Input Set : A:\09977615 Sequence Listing.txt
Output Set: N:\CRF4\06192003\I977615.raw

```
287 <210> SEQ ID NO: 13
288 <211> LENGTH: 10
289 <212> TYPE: DNA
290 <213> ORGANISM: synthetic oligonucleotide
292 <220> FEATURE:
293 <221> NAME/KEY: modified_base
294 <222> LOCATION: (4)..(4)
295 <223> OTHER INFORMATION: n represents iso-guanine
298 <220> FEATURE:
299 <221> NAME/KEY: modified_base
300 <222> LOCATION: (9)..(9)
301 <223> OTHER INFORMATION: n represents iso-guanine
304 <400> SEQUENCE: 13
```
W--> 305 caantacgnc   10
```
308 <210> SEQ ID NO: 14
309 <211> LENGTH: 10
310 <212> TYPE: DNA
311 <213> ORGANISM: synthetic oligonucleotide    — See page 1
313 <220> FEATURE:
314 <221> NAME/KEY: modified_base
315 <222> LOCATION: (4)..(4)
316 <223> OTHER INFORMATION: n represents iso-guanine
319 <220> FEATURE:
320 <221> NAME/KEY: modified_base
321 <222> LOCATION: (8)..(8)
322 <223> OTHER INFORMATION: n represents iso-guanine
325 <400> SEQUENCE: 14
```
W--> 326 cggnatanac   10
```
329 <210> SEQ ID NO: 15
330 <211> LENGTH: 10
331 <212> TYPE: DNA
332 <213> ORGANISM: synthetic oligonucleotide
334 <220> FEATURE:
335 <221> NAME/KEY: modified_base
336 <222> LOCATION: (2)..(2)
337 <223> OTHER INFORMATION: n represents iso-guanine
340 <220> FEATURE:
341 <221> NAME/KEY: modified_base
342 <222> LOCATION: (6)..(6)
343 <223> OTHER INFORMATION: n represents iso-guanine
346 <220> FEATURE:
347 <221> NAME/KEY: modified_base
348 <222> LOCATION: (7)..(7)
349 <223> OTHER INFORMATION: n represents iso-guanine
352 <400> SEQUENCE: 15
```
W--> 353 gnaaannagg   10
```
356 <210> SEQ ID NO: 16
357 <211> LENGTH: 10
358 <212> TYPE: DNA
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/19/2003
PATENT APPLICATION: US/09/977,615   TIME: 15:21:04

Input Set : A:\09977615 Sequence Listing.txt
Output Set: N:\CRF4\06192003\I977615.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 3,6
Seq#:2; N Pos. 2,6
Seq#:3; N Pos. 3,7
Seq#:4; N Pos. 4,6
Seq#:5; N Pos. 2,6
Seq#:6; N Pos. 5,8
Seq#:7; N Pos. 4,6
Seq#:8; N Pos. 2,7
Seq#:9; N Pos. 4,9
Seq#:10; N Pos. 5,9
Seq#:11; N Pos. 4,6
Seq#:12; N Pos. 2,6
Seq#:13; N Pos. 4,9
Seq#:14; N Pos. 4,8
Seq#:15; N Pos. 2,6,7
Seq#:16; N Pos. 4,8,9
Seq#:17; N Pos. 2,6,9
Seq#:18; N Pos. 3,6
Seq#:19; N Pos. 3,4,7
Seq#:20; N Pos. 3,6
Seq#:21; N Pos. 5,8,9
Seq#:22; N Pos. 5,7
Seq#:23; N Pos. 5,8
Seq#:24; N Pos. 5,8
Seq#:25; N Pos. 5,7,8
Seq#:26; N Pos. 2,7
Seq#:27; N Pos. 2,4,9
Seq#:28; N Pos. 2,3,7
Seq#:29; N Pos. 5,8
Seq#:30; N Pos. 5,7
Seq#:31; N Pos. 3,7
Seq#:32; N Pos. 4,8
Seq#:33; N Pos. 4,9
Seq#:34; N Pos. 4,7,9
Seq#:35; N Pos. 2,7
Seq#:36; N Pos. 3,7
Seq#:37; N Pos. 2,7
Seq#:38; N Pos. 4,9
Seq#:39; N Pos. 3,4,9
Seq#:40; N Pos. 2,6
Seq#:41; N Pos. 2,6,9
Seq#:42; N Pos. 3,6
Seq#:43; N Pos. 4,8
Seq#:44; N Pos. 5,8

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/19/2003
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Input Set : **A:\09977615 Sequence Listing.txt**
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```
Seq#:45; N Pos. 5,7
Seq#:46; N Pos. 4,8
Seq#:47; N Pos. 2,7
Seq#:48; N Pos. 3,6
Seq#:49; N Pos. 3,7
Seq#:50; N Pos. 3,4,9
Seq#:51; N Pos. 2,7
```

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Input Set : **A:\09977615 Sequence Listing.txt**
Output Set: **N:\CRF4\06192003\I977615.raw**

```
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:842 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
```

VERIFICATION SUMMARY   DATE: 06/19/2003
PATENT APPLICATION: US/09/977,615   TIME: 15:21:04

Input Set : A:\09977615 Sequence Listing.txt
Output Set: N:\CRF4\06192003\I977615.raw

L:1127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:1154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0